

Abstract of the Disclosure

5 A method and device for reducing an input image by modifying the palette used in image compression. The reduction process involves mapping one or more colors of the original palette to a single color in a new palette. The image size of the reduced image is estimated from the entropy of the input image and that of the modified palette. A scaling factor, which can be computed from the image statistics inherent to the input image, is also used for adjusting the estimated image size of the reduced image.